

2+2 WITH SIUC

The technical resource management degree program focuses on managerial and supervisory skills for the technical and service professions. Graduates put these skills to work in their technical field as team leaders, supervisors, coordinators, or directors. A sample curriculum follows. For specific degree requirements consult the current SIUC Undergraduate Catalog, which can be viewed online along with transferable course equivalencies and other information at <http://www.siu.edu/siuc/>.

THIRD YEAR		FALL	SPRING
TRM 316	Application of Technical Information	3	-
TRM 364	Work Center Management	3	-
TRM 383	Data Interpretation	3	-
	Select Mathematics and Science or other core as needed	3	3
	Select Humanities or other core as needed	-	3
TRM 361/362	Fiscal Aspects of Technical Management or Legal Aspects of Technical Management	3	-
TRM 362/426	Legal Aspects of Technical Management or Technology and International Trade	-	3
	Select Approved Elective	3	3
		15	15

FOURTH YEAR		FALL	SPRING
TRM 464	Managing for Quality	3	-
TRM 332/421	Work Center Management	3	-
TRM 383	Data Interpretation	3	-
	Select Mathematics and Science or other core as needed	3	3
	Select Humanities or other core as needed	-	3
TRM 483/488/490	- approved electives		
	Design of Process Control Systems		
	Technical Innovation,		
	Technical and Professional Theory and/or approved electives	3	3
	Select Approved Electives	3	3
		15	15



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AUTO COLLISION TECHNOLOGY



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CAREER OPPORTUNITIES

CAREERS: Repair technicians, insurance assessors, detailers, and customer service managers.

PROSPECTS: The job market for auto collision personnel is strong locally and statewide, indicated by an annual growth rate of 25 percent. Most employers of program graduates are small businesses. These businesses work closely with insurance companies and deal directly with the public.

SALARY: There are job opportunities at many levels in the auto collision repair industry with annual salary packages ranging between \$18,000-\$45,000.

AUTO COLLISION TECHNOLOGY ASSOCIATE IN APPLIED SCIENCE TWO-YEAR DEGREE

FIRST YEAR – FALL SEMESTER

COURSE	CREDITS
ACT 190 Auto Body Repair I	2
ACT 191 Metal Finishing and Painting	2
ACT 196 Auto Body Lab	5
MAT 113 Introduction to Contemporary Mathematics OR	3-4
MAT 106 Technical Mathematics OR	
MAT 120 Elementary Statistics	
WEL 150 Oxy-Acetylene Fusion Welding I	1
WEL 160 M.I.G. Welding	2
WEL 196 M.I.G. Welding -- Aluminum	1
	16-17

FIRST YEAR – SPRING SEMESTER

COURSE	CREDITS
ACT 192 Frame and Body Alignment	2
ACT 193 Advanced Auto Body Repair	1
ACT 194 Body Shop Management	1
ACT 197 Auto Body Repair and Paint Lab II	5
ACT 273 Chassis Electrical	3
ENG 101 English Composition I ¹ OR	3
ENG 113 Professional Technical Writing ¹	15

FIRST YEAR – SUMMER SEMESTER

COURSE	CREDITS
ACT 293 Structural Damage Repair	1
ACT 296 Structural Damage Repair Lab	4
	5

SECOND YEAR – FALL SEMESTER

COURSE	CREDITS
ACT 294 Plastics and Adhesives	2
AST 280 Air Conditioning	4
AST 281 Suspension and Steering	4
CIS 101 Introduction to Computers	3
SPE 115 Speech OR	3
SPE 116 Interpersonal Communication	16

SECOND YEAR – SPRING SEMESTER

COURSE	CREDITS
ACT 291 Mechanical Systems for Collision Technology	2
AST 279 ASE Testing	2
PHS 101 Environmental Technology	3
PHY 121 Technical Physics - Mechanical OR	3
ART 111 Art Appreciation	
PSY 132 General Psychology	3
	13

OPTIONAL

COURSE	CREDITS
ATI 200 Applied Technologies Internship ²	1-3

¹ Requires a grade of "C" or higher.

² Although this class is recommended, it is not required for graduation from this program and therefore is ineligible for Title IV financial aid funding.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

AUTO COLLISION TECHNOLOGY STRUCTURAL DAMAGE REPAIR CERTIFICATE PROGRAM

FALL SEMESTER

COURSE	CREDITS
ACT 190 Auto Body Repair I	2
ACT 191 Metal Finishing and Painting	2
ACT 196 Auto Body Lab	5
ACT 294 Plastics and Adhesives	2
WEL 150 Oxy-Acetylene Fusion Welding I	1
WEL 160 M.I.G. Welding	2
WEL 196 M.I.G. Welding -- Aluminum 1	1
	15

SPRING SEMESTER

COURSE	CREDITS
ACT 192 Frame and Body Alignment	2
ACT 193 Advanced Auto Body Repair	1
ACT 194 Body Shop Management	1
ACT 197 Auto Body Repair and Paint Lab II	5
ACT 273 Chassis Electrical	3
ACT 291 Mechanical Systems for Collision Technology	2
	14

SUMMER SEMESTER

COURSE	CREDITS
ACT 293 Structural Damage Repair	1
ACT 296 Structural Damage Repair Lab	4
	5

FALL SEMESTER

COURSE	CREDITS
AST 173 Braking Systems	4
AST 280 Air Conditioning	4
AST 281 Suspension and Steering	4
SPE 115 Speech	3
	15

OPTIONAL

COURSE	CREDITS
ATI 200 Applied Technologies Internship	1
	1-3

The Auto Collision Technology Certificate Program (AUT 0014) is the parent program to:

Basic Paint Prep Technician Certificate Program (AUT 0114)
 Paint & Metal Technician Certificate Program (AUT 0115)
 Unibody Repair Technician Certificate Program (AUT 0116)

¹ Although this class is recommended, it is not required for graduation from this program and therefore is ineligible for Title IV financial aid funding.